

Abstract

5 Devices, systems, and methods reduce levels of
pro-inflammatory or anti-inflammatory stimulators or
mediators in blood by selective adsorption. The devices,
systems, and methods are useful in situations where abnormal
levels of or unregulated or excessive interaction among pro-
inflammatory or anti-inflammatory stimulators or mediators
occur, or during events that do induce or have the potential
for inducing abnormal production of pro-inflammatory or
10 anti-inflammatory stimulators or mediators. The devices,
systems, and methods serve to prevent, control, reduce, or
alleviate the severity of the inflammatory response and
disease states that are associated with abnormal levels of
or unregulated or excessive interaction among pro-
15 inflammatory or anti-inflammatory stimulators or mediators.